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## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NIPPON ZEON CO LTD

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## (54) WIDE-BAND WAVELENGTH PLATE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a 1/4-wavelength plate which has superior sharpness of a display and has no decrease in the sharpness and is usable for a wide-wavelength band when installed on a liquid crystal display and used.

SOLUTION: The wide-band 1/4-wavelength plate is manufactured by stacking a 1/2-wavelength plate (A) and a 1/4-wavelength plate (B); and at least one of the plates consists principally of alicyclic structure containing polymer resin and the both are characterized in that the ratio  $Re(450)/Re(550)$  of the retardation value  $[Re(660)]$  measured at 25° C with a 550 nm wavelength and the retardation value  $[Re(450)]$  measured at 25° C with a 450 nm wavelength is  $\leq 1.007$  and a volatile component content is  $\leq 0.1$  wt%.

## LEGAL STATUS

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